

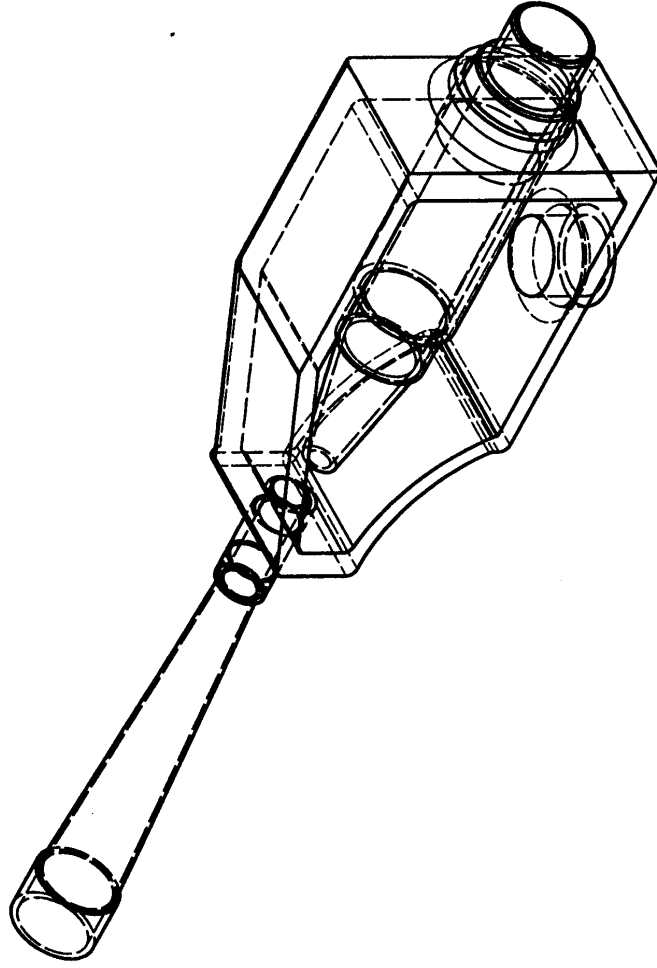
*LAMPIRAN*

**Tabel lampiran 1. Data hasil pengujian dengan variasi spasi nosel**

No	Spasi  Nosel (mm)	Debit Aliran Q (LPM)				Tekanan P (kg/cm <sup>2</sup> )									
		Q <sub>1</sub>	Q <sub>2</sub>	Q <sub>3</sub>			P <sub>1</sub> (kg/cm <sup>2</sup> )			P <sub>2</sub> (cmHg)			P <sub>3</sub> (-mHg)(+kg/cm <sup>2</sup> )		
				1	2	3	1	2	3	1	2	3	1	2	3
1	5	20		20	20	20	0.05	0.05	0.05	10	10.1	10.1	-1	-1	0
		25		24	24	24	0.05	0.05	0.05	10.5	10.5	10.3	-1	0	0
		30		30.5	30.5	30.5	0.1	0.1	0.1	10.8	11.5	11	0.01	0.01	0.01
		35		36	36	36	0.15	0.16	0.18	11.3	11.9	11.3	0.02	0.02	0.01
2	10	20		20	20	20	0.05	0.05	0.05	9.7	9.8	9.7	0.01	0.01	0.02
		25		24.5	24	24.5	0.05	0.05	0.05	9.8	9.8	9.8	0.01	0.02	0.01
		30		29.5	30	30	0.1	0.1	0.1	10	9.9	10	0.01	0.01	0.01
		35		36	36	36	0.18	0.18	0.18	10.3	10.1	10.1	0.02	0.02	0.02
3	15	20		20	20	20	0.05	0.05	0.05	9.8	9.8	9.8	-3	-4	-4
		25		25	24.5	25	0.05	0.05	0.05	9.9	9.9	9.9	-2	-3	-4
		30		30	30	30	0.1	0.1	0.1	10.2	10	10	-2	-2	-3
		35		36	36	36	0.18	0.19	0.19	10.2	10.2	10.2	-1	-1	-2
4	20	20		20	20	20	0.05	0.05	0.05	9.7	9.6	9.6	-4	-4	-4
		25		25	25	25	0.05	0.05	0.05	9.7	9.8	9.8	-4	-4	-3
		30		30	30	30	0.1	0.1	0.1	9.9	9.9	9.9	-3	-2	-2
		35		36	36	36	0.18	0.19	0.19	10.2	10.2	10.2	-1	-1	-1
5	25	20		20	20	20	0.05	0.1	0.1	9.9	9.8	9.9	-2	-2	-1.5
		25		25	25	25	0.1	0.1	0.1	10	9.9	10	-1.5	-1	-1
		30		30.5	30	30.5	0.1	0.1	0.1	10	10	9.9	-1	-1	-0.5
		35		36	36	36	0.19	0.19	0.19	10.1	10	10	-1	-0.5	-0.5
6	30	20		20	20	20	0.05	0.05	0.05	8.2	8.2	8.2	-2	-2	-3
		25		24.5	24.5	24	0.05	0.05	0.05	8.2	8.2	8.3	-2	-2	-2
		30		29.5	29.5	29	0.1	0.1	0.1	9.8	9.8	9.8	-2	-2	-2
		35		35	35	35	0.2	0.19	0.19	10	10	10	-1	-1	-1

**Tabel lampiran 2. Tabel data pengujian dengan variasi spasi nosel setelah mengalami koversi satuan dan analisis.**

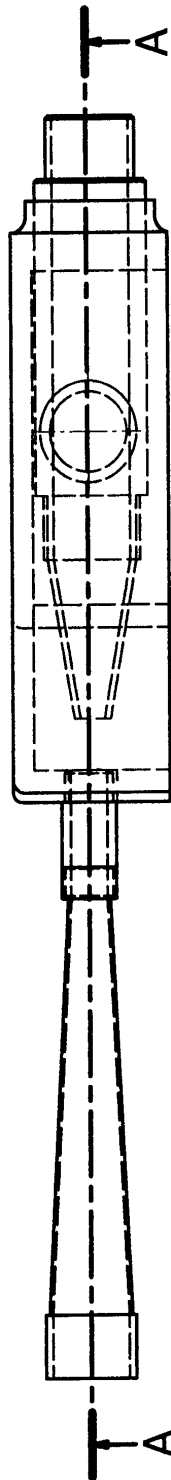
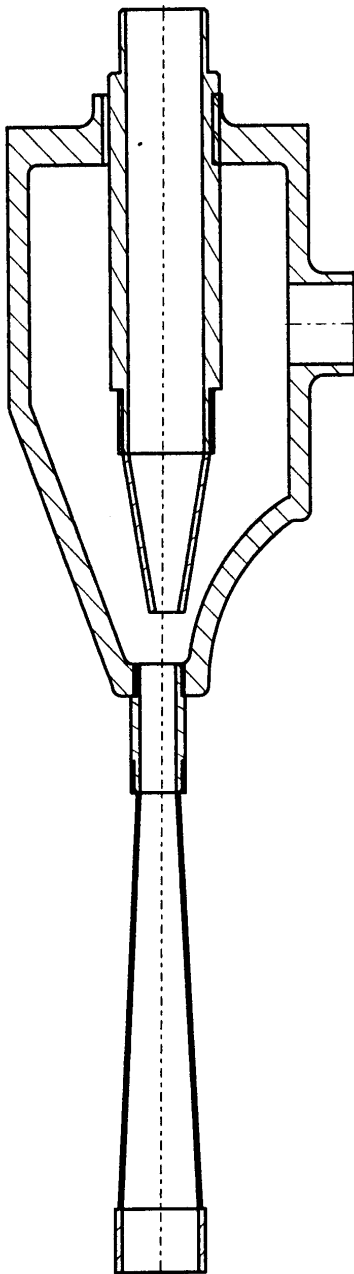
No	Variasi Spasi (mm)	Debit Aliran Q (cm <sup>3</sup> /s)			Tekanan P (Kpa)			Ratio Tekanan (N)	Ratio Kapasitas (M)	Efisiensi $\eta$
		Q <sub>1</sub>	Q <sub>2</sub>	Q <sub>3</sub>	P <sub>1</sub>	P <sub>2</sub>	P <sub>3</sub>			
1	5	0.00033	0	0.000334	4.903	13.389	0.887	3.113	0	0
		0.0005	8.40E-05	0.000509	9.807	14.763	0.981	1.562	0.017	2.603
		0.00055	0.00014	0.0005642	13.533	15.0822	1.3728	1.1948	0.0242	2.670
		0.00058	1.70E-04	0.000601	16.017	15.295	1.634	0.95	0.029	2.714
2	10	0.00033	0	0.000334	4.903	12.945	1.308	2.64	0	0
		0.00052	0.00012	0.0005298	14.252	13.368	1.438	1.244	0.021	1.544
		0.00055	0.00015	0.0005654	15.952	13.445	1.700	0.991	0.025	1.824
		0.00058	0.00017	0.000601	17.652	13.522	1.961	0.737	0.029	2.105
3	15	0.0005	0	0.000501	9.807	13.389	3.103	1.534	0	0
		0.00052	3.4E-05	0.000521	11.7068	13.4244	2.837	1.3698	0.0058	0.408
		0.00055	0.0001	0.000561	15.5064	13.4952	2.305	1.0414	0.0174	1.223
		0.00058	0.00017	0.000601	19.306	13.566	1.773	0.713	0.029	2.038
4	20	0.0005	0	0.000501	9.807	13.167	3.103	1.501	0	0
		0.00052	3.4E-05	0.000521	11.5068	13.2468	2.7484	1.345	0.0058	0.412
		0.00055	0.0001	0.000561	14.9064	13.4064	2.039	1.033	0.0174	1.235
		0.00058	0.00017	0.000601	18.306	13.566	1.33	0.721	0.029	2.059
5	25	0.00042	0	0.000418	9.807	13.256	1.552	1.418	0	0
		0.00043	0.000017	0.0004363	10.6896	13.2648	1.4855	1.3464	0.0029	0.2006
		0.0005	0.00009	0.00051	14.220	13.300	1.220	1.060	0.014	1.003
		0.00058	0.00017	0.000601	18.633	13.344	0.887	0.702	0.029	2.006
6	30	0.00033	0	0.00033	4.903	10.906	3.103	4.335	0	0
		0.00042	-0.00001	0.00041	4.903	10.95	2.660	3.696	-0.027	-9.855
		0.0005	-0.00001	0.00049	9.807	13.034	2.660	1.452	-0.022	-3.226
		0.00058	0	0.00058	18.959	13.300	1.33	0.679	0	0



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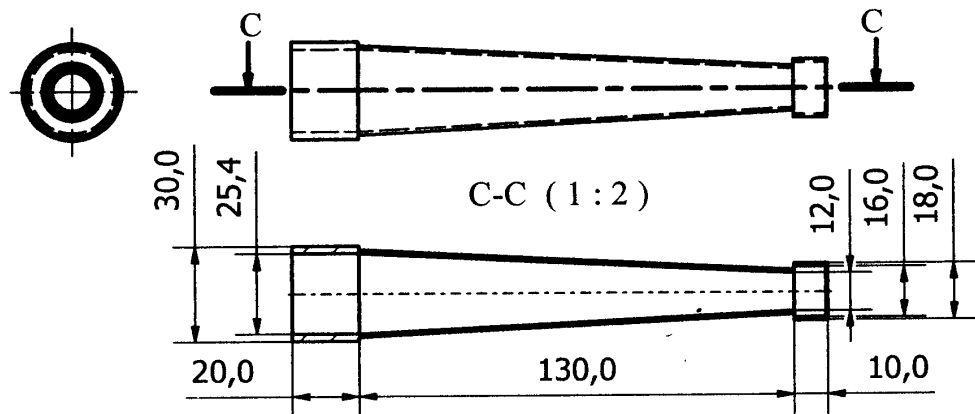
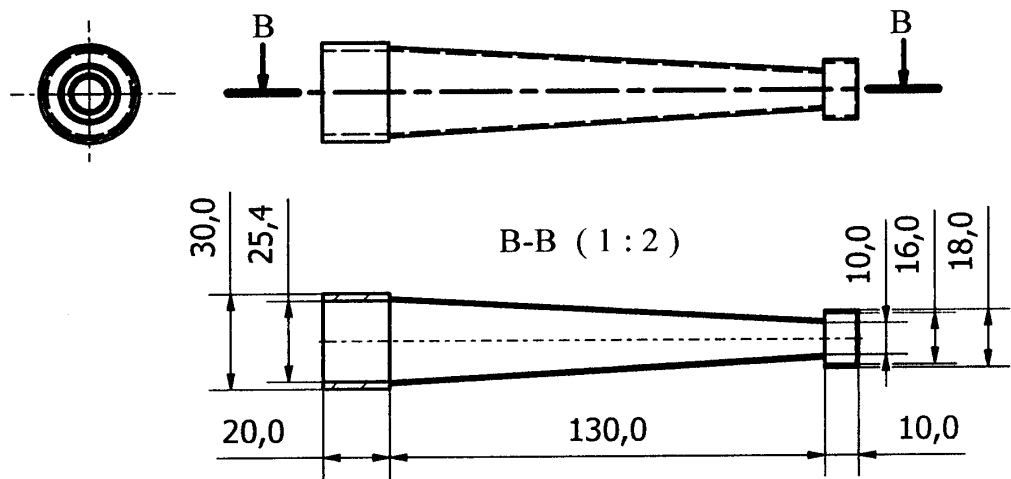
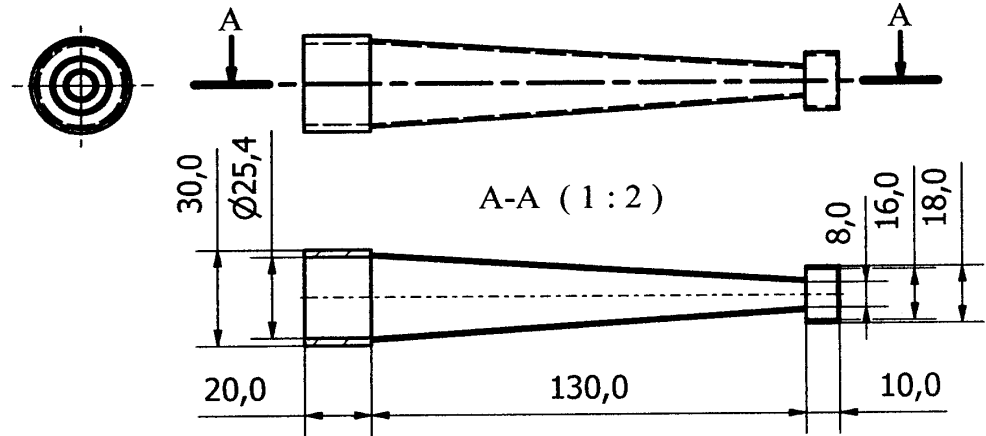


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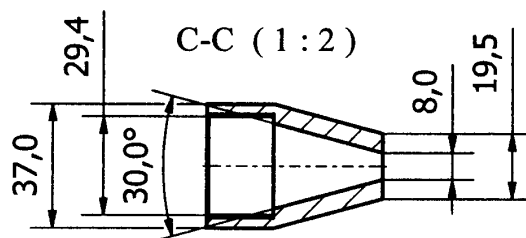
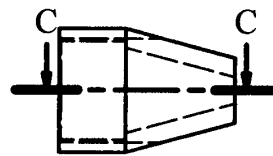
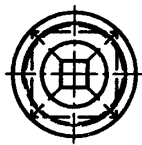
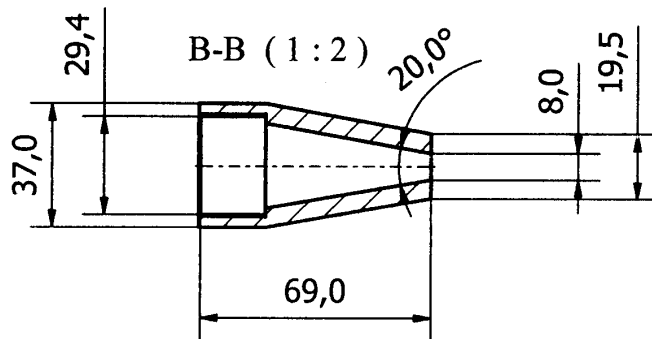
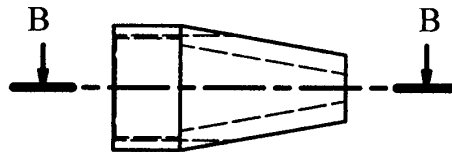
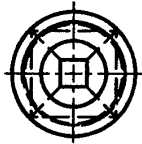
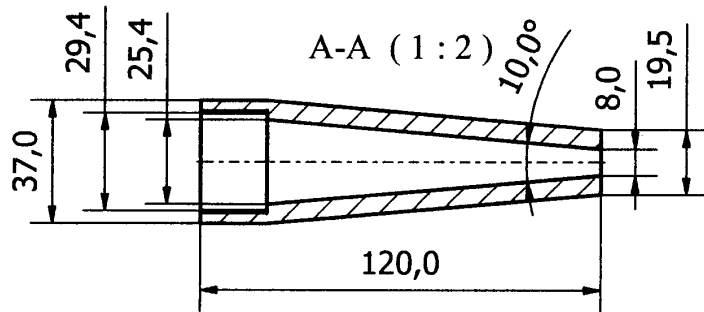
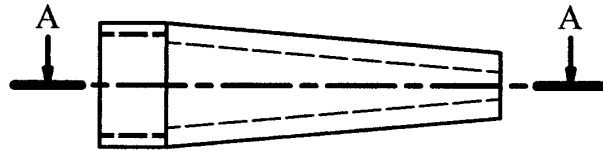
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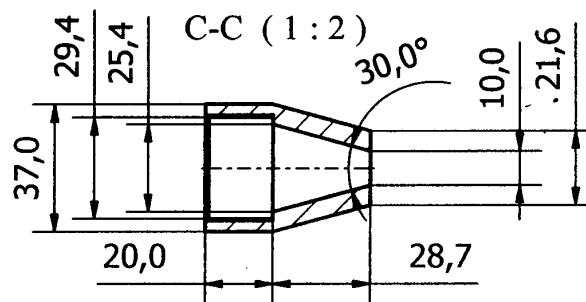
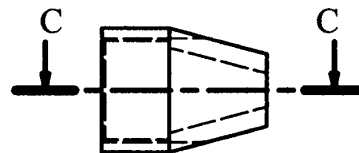
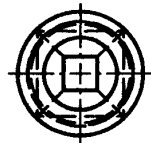
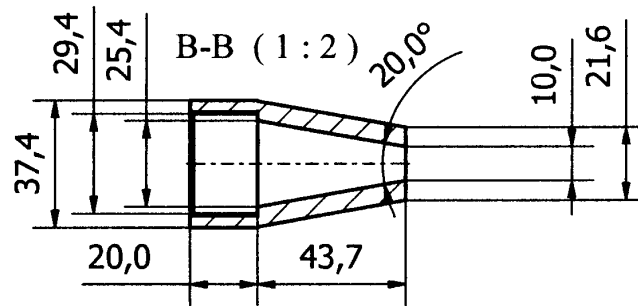
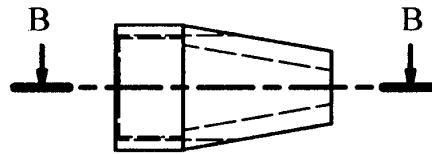
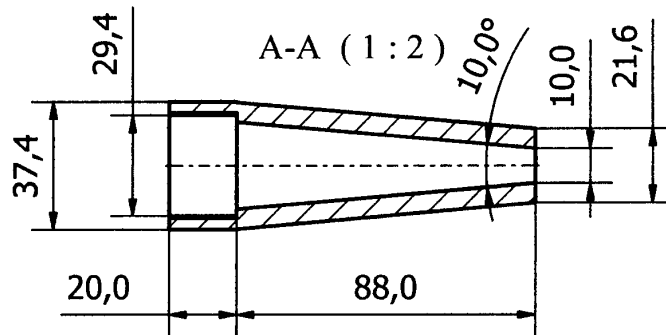
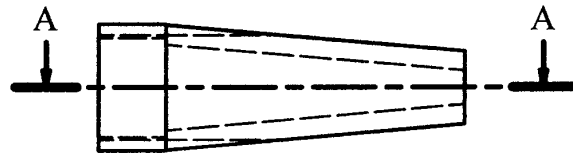
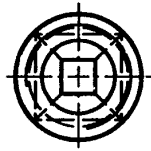
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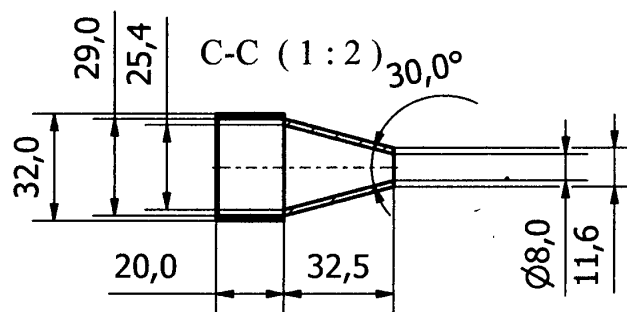
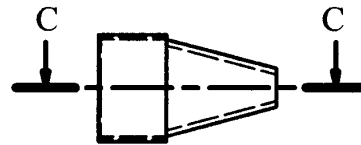
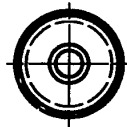
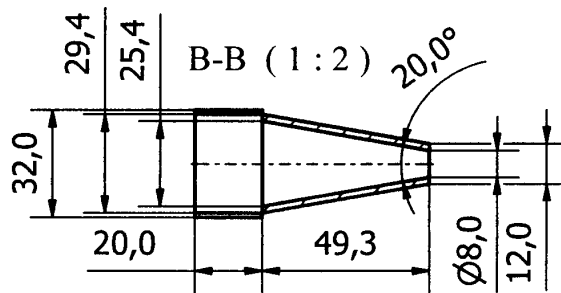
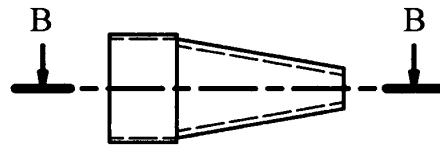
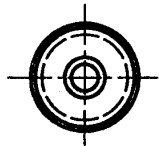
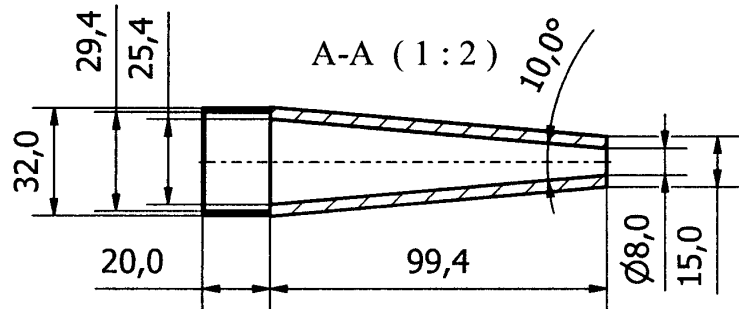
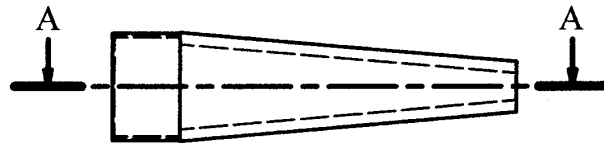


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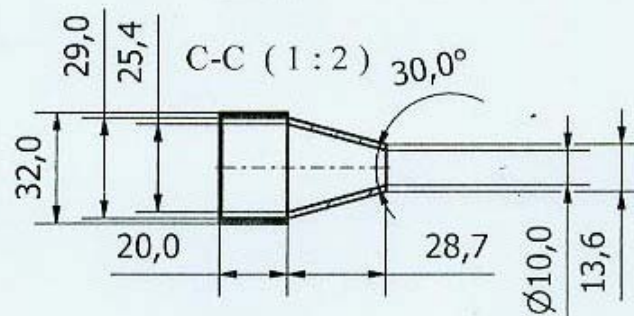
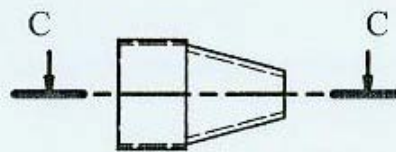
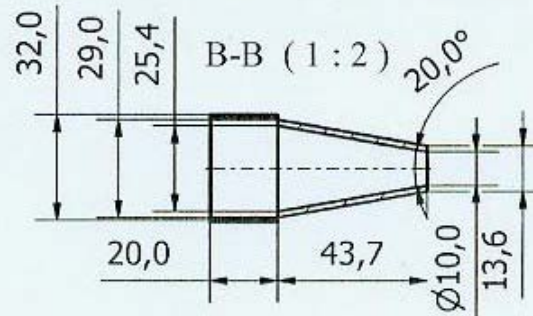
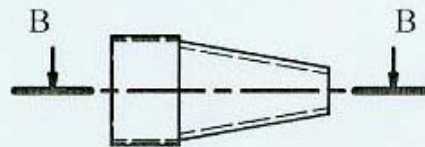
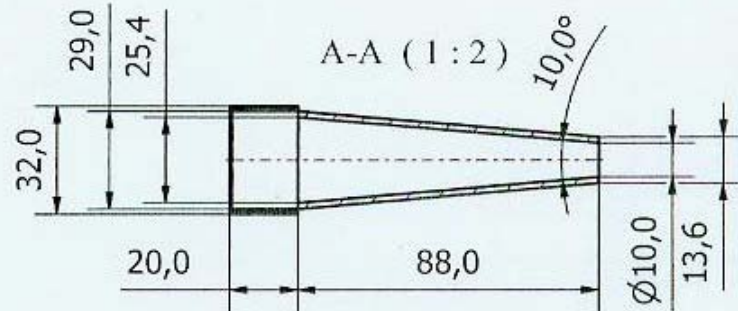
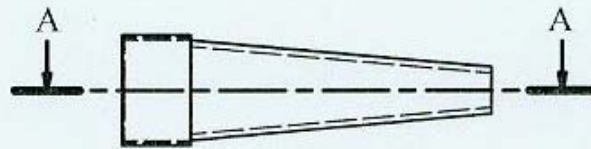


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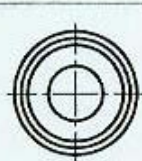




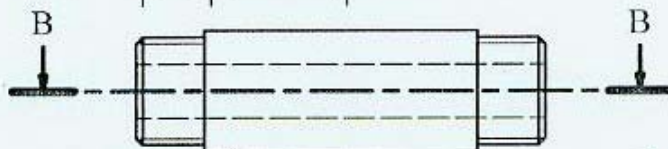
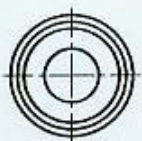
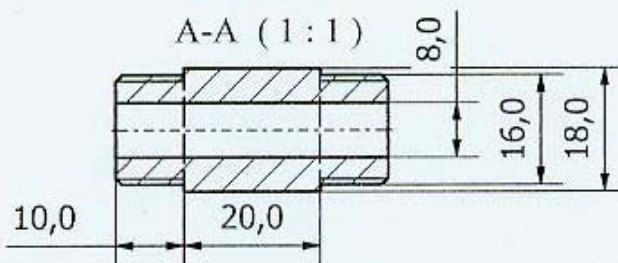
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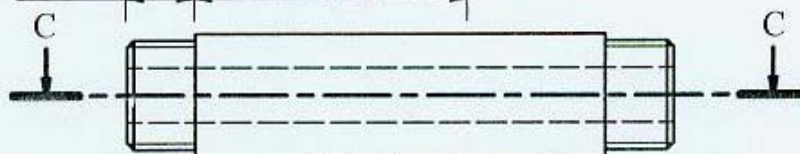
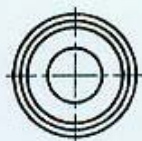
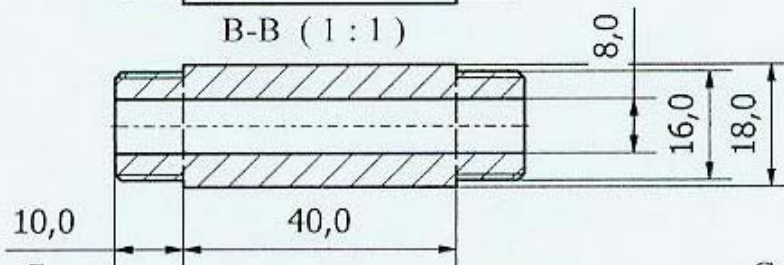
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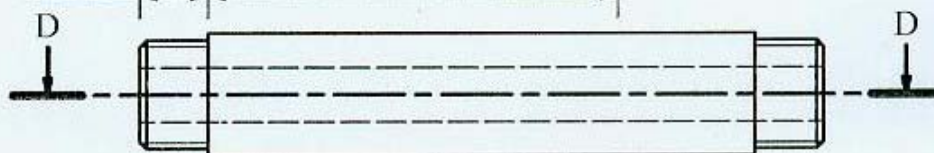
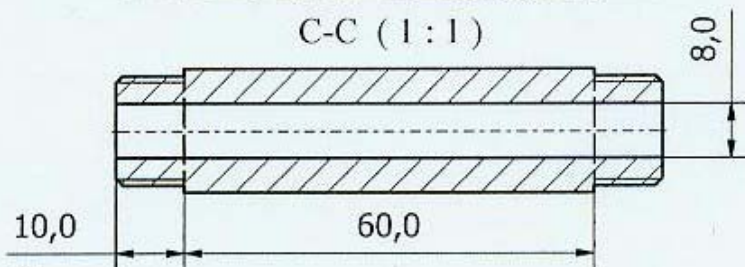
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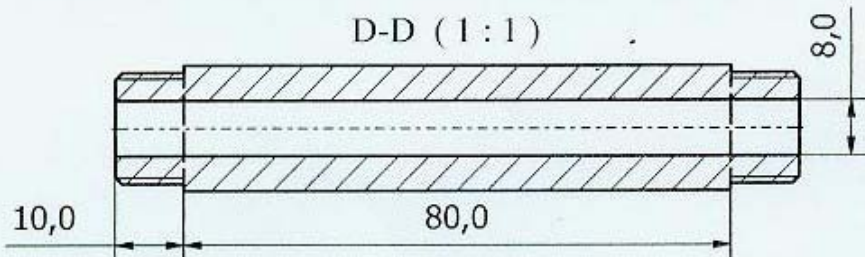
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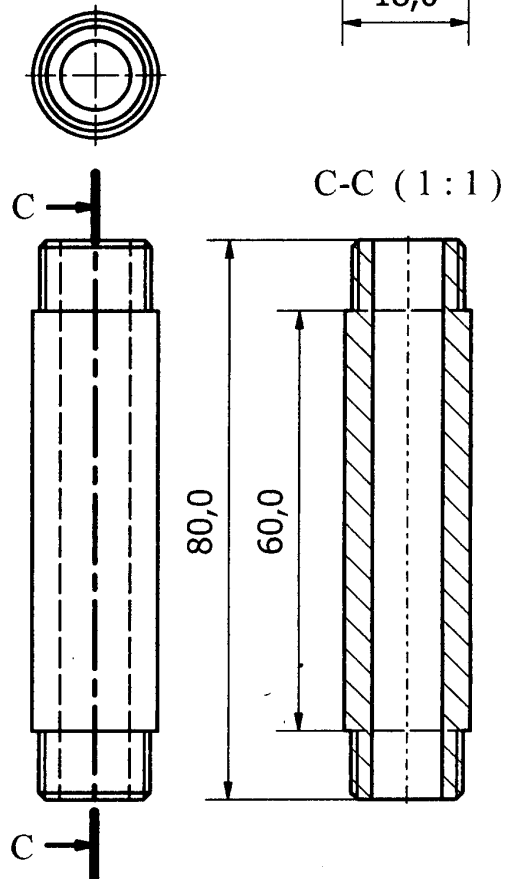
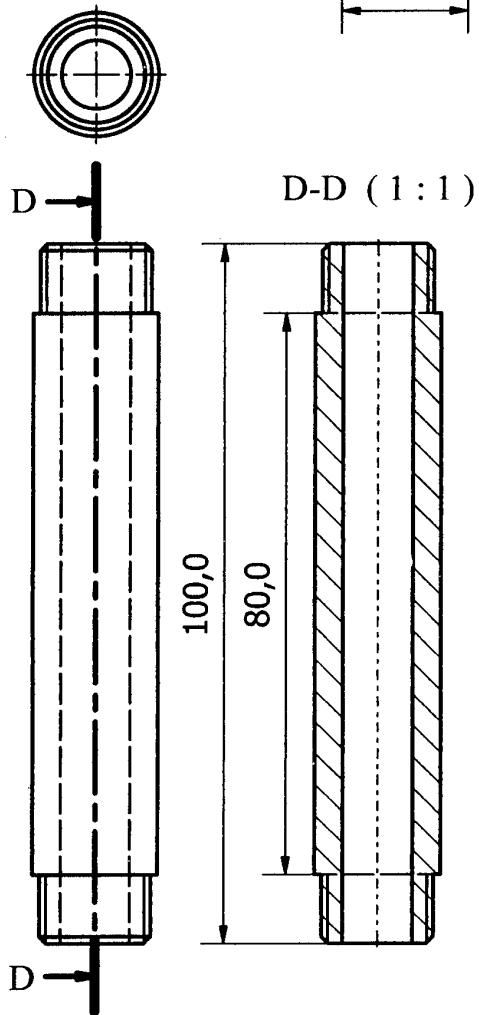
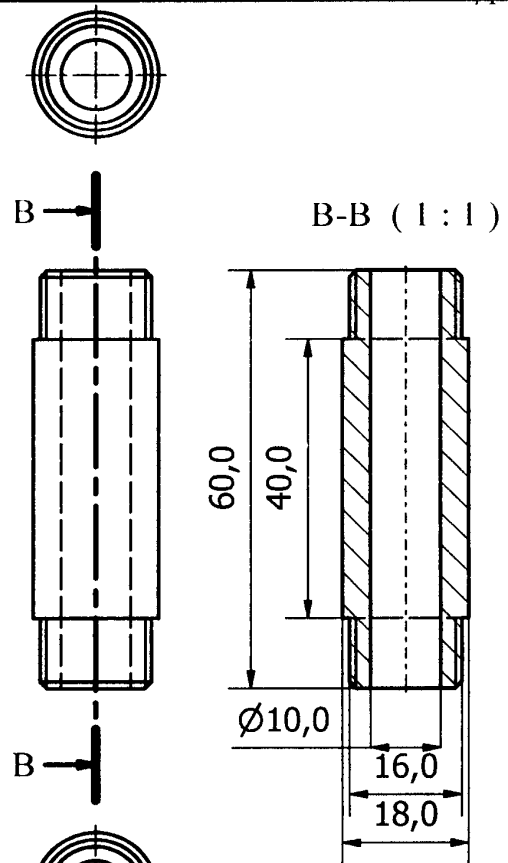
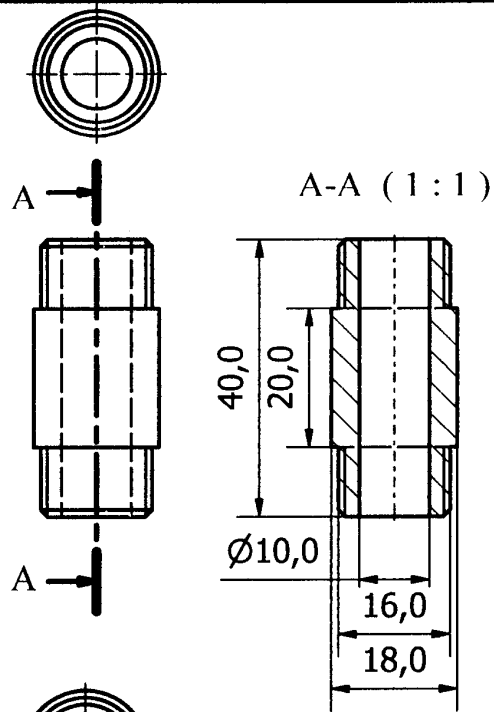
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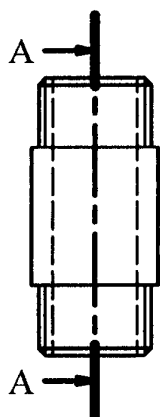
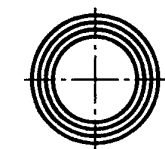
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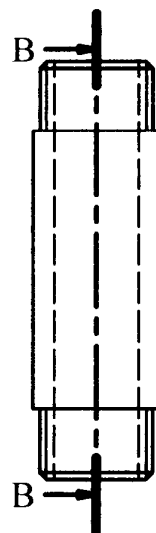
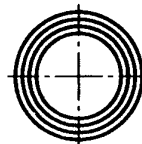
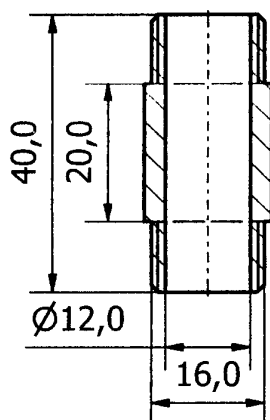
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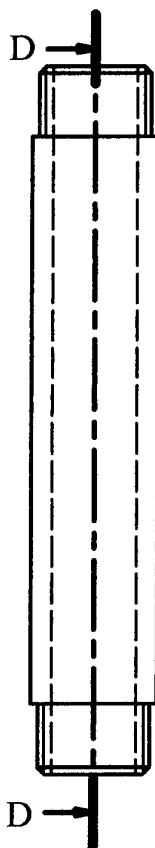
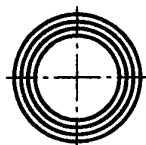
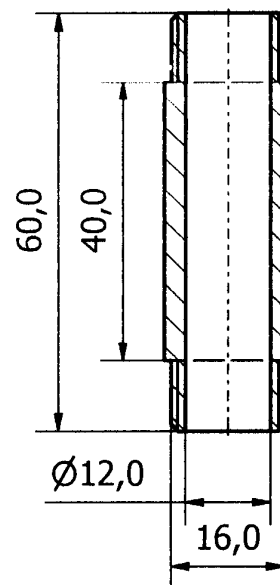
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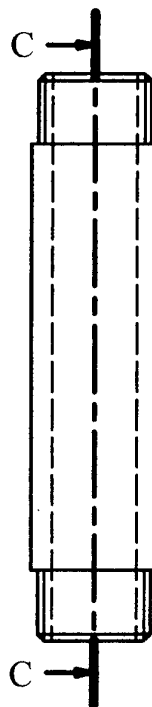
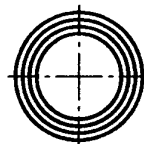
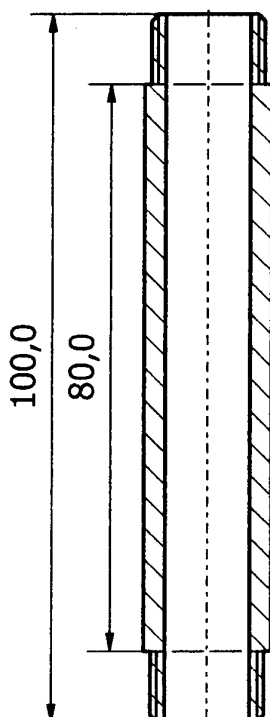
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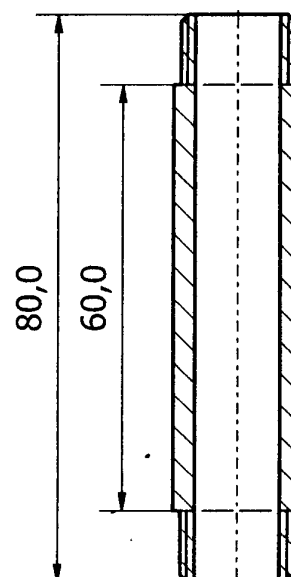
B-B (1:1)



D-D (1:1)



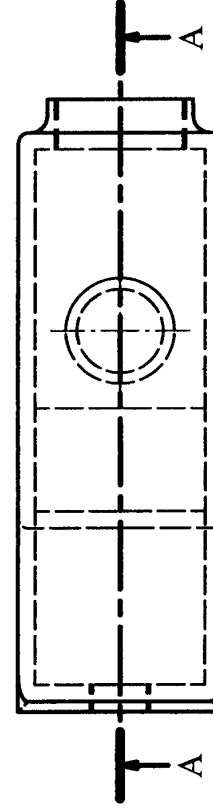
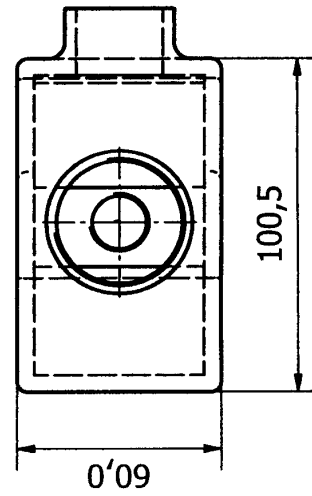
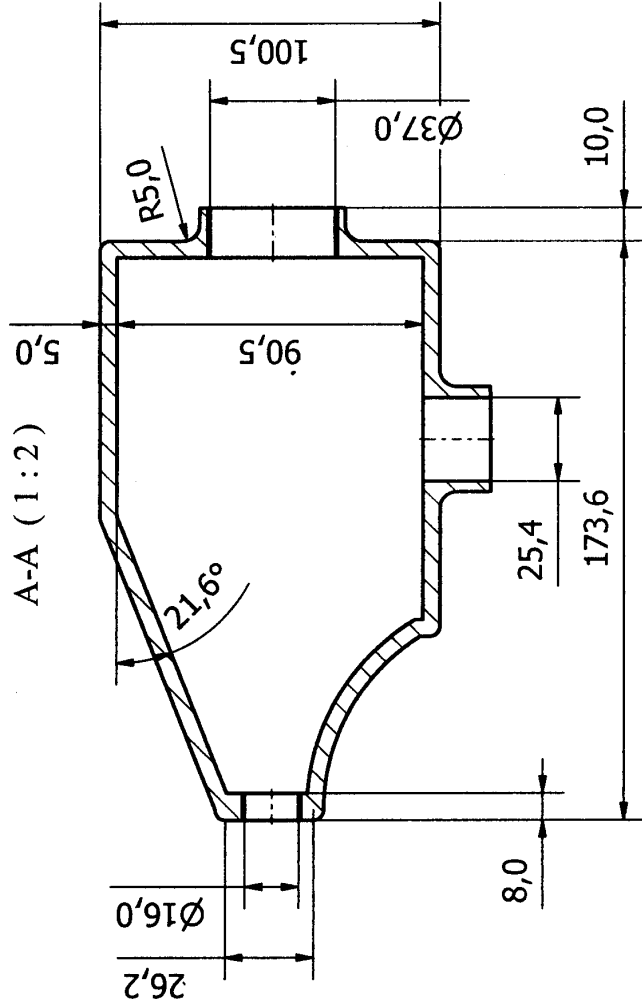
C-C (1:1)



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FTM UMS			Throat Diameter 12		
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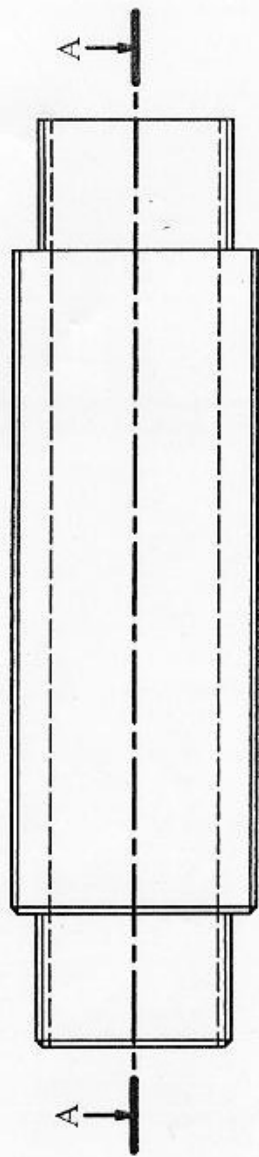
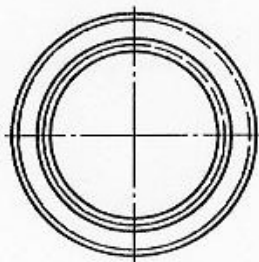


W

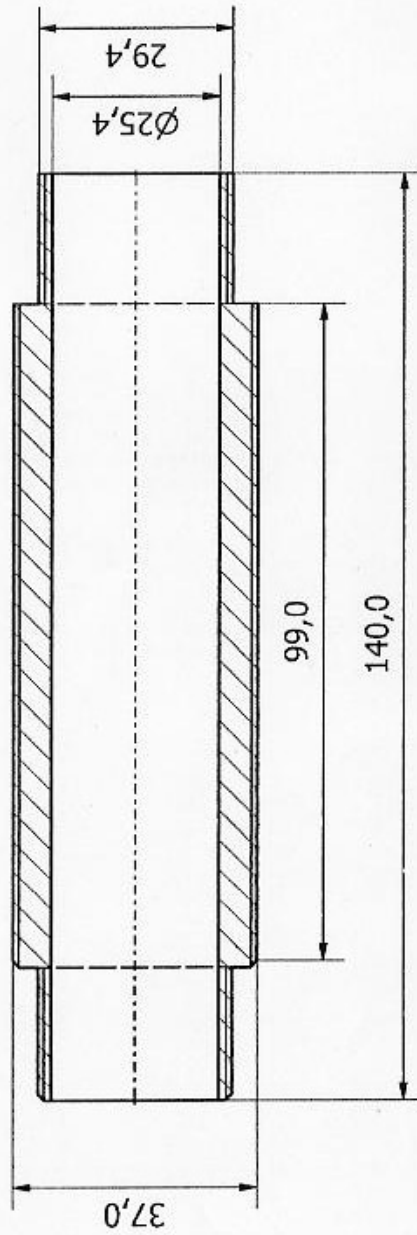


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FTM UMS			Vacuum Chamber		
Bagian Ejektor			Edition	Sheet	
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A-A (1:1)



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